



Department of Environmental Protection
Montgomery County, Maryland

DIVISION OF SOLID WASTE SERVICES

QUARTERLY REPORT

JANUARY, FEBRUARY, MARCH 2011



"The Transfer Station recently installed 1,248 solar panels on the two roofs over the tipping floor. These solar panels generate about 280 kw or about 30 percent of the facility's energy needs."



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OVERVIEW

Tonnage at a Glance

The following table shows key material flows during the months of January, February, and March including the fiscal year to date (FY YTD), and the same calendar month in the two prior fiscal years. (County Fiscal Year 2011 began July 1, 2010.)

FACILITY	Jan FY11	FY11 YTD	Jan FY10	Jan FY09
Materials Recovery Facility ⁽¹⁾	6,566 tons	47,403 tons	7,014 tons	7,427 tons
Brunswick Landfill Facility ⁽²⁾	0 ton	33,594 tons	12,274 tons	14,159 tons
Resource Recovery Facility ⁽³⁾	42,745 tons	327,326 tons	41,862 tons	44,302 tons
Yard Trim Compost Facility	940 tons	43,549 tons	511 tons	1,574 tons
Honeygo Run Reclamation ⁽⁴⁾	1,017 tons	20,497 tons	1,883 tons	0 ton
Ash Recycling (Old Dominion LF) ⁽⁵⁾	11,934 tons	65,007 tons	0 ton	0 ton

FACILITY	Feb FY11	FY11 YTD	Feb FY10	Feb FY09
Materials Recovery Facility ⁽¹⁾	5,745 tons	53,148 tons	4,881 tons	6,170 tons
Brunswick Landfill Facility ⁽²⁾	0 ton	33,594 tons	9,863 tons	10,541 tons
Resource Recovery Facility ⁽³⁾	40,073 tons	367,399 tons	31,414 tons	28,711 tons
Yard Trim Compost Facility	301 tons	43,850 tons	0 ton	504 tons
Honeygo Run Reclamation ⁽⁴⁾	971 tons	21,468 tons	754 tons	358 tons
Ash Recycling (Old Dominion LF) ⁽⁵⁾	12,418 tons	77,425 tons	0 ton	0 ton

(1) MRF tons reported as outgoing.

(2) Refers to waste sent to the landfill for disposal (ash residue and nonprocessable waste). It does not include rubble and bulk natural wood waste that is recycled.

(3) RRF tonnage refers to tons burned (processed). Waste shipped from the Transfer Station but not burned is in the pit and is not included in the tonnage presented here. These tonnages are preliminary, with adjustments made in the September and December monthly reports.

(4) Non-processible waste sent to be sorted for recycling and landfilled.

(5) Ash sent to Old Dominion Landfill for roads and cell covering.

FACILITY	Mar FY11	FY11 YTD	Mar FY10	Mar FY09
Materials Recovery Facility ⁽¹⁾	6,845 tons	59,993 tons	7,086 tons	6,324 tons
Brunswick Landfill Facility ⁽²⁾	0 ton	33,594 tons	12,874 tons	13,248 tons
Resource Recovery Facility ⁽³⁾	49,622 tons	417,021 tons	44,255 tons	46,105 tons
Yard Trim Compost Facility	4,615 tons	48,465 tons	1,383 tons	2,678 tons
Honeygo Run Reclamation ⁽⁴⁾	3,269 tons	24,737 tons	2,460 tons	2,630 tons
Ash Recycling (Old Dominion LF) ⁽⁵⁾	15,195 tons	92,620 tons	0 ton	0 ton

(1) MRF tons reported as outgoing.

(2) Refers to waste sent to the landfill for disposal (ash residue and nonprocessible waste). It does not include rubble and bulk natural wood waste that is recycled.

(3) RRF tonnage refers to tons burned (processed). Waste shipped from the Transfer Station but not burned is in the pit and is not included in the tonnage presented here. These tonnages are preliminary, with adjustments made in the September and December monthly reports.

(4) Non-processible waste sent to be sorted for recycling and landfilled.

(5) Ash sent to Old Dominion Landfill for roads and cell covering.

*September tons were reported incorrectly; tons reported should have been 3,075

During January, February and March program staff:

- Researched properties and entered billing changes into the database;
- Continued work on the Equity Enhancement Study for Task Order #25;
- Prepared monthly house counts for collection contractors;
- Processed vacancy refunds payable in January, February and March;
- Updated Access™ databases and Excel™ spreadsheets for monthly Refuse and Recycling Collection contractor reports;
- Continued routine research and correction of solid waste fee abnormalities as they emerge in the property tax database;
- Generated Hauler/Collector Credit Account invoices for January, February and March 2011 totaling \$3,229,782.00 (a decrease of \$30,440.06 below the same quarter in 2010);
- Updated the Aging Report (30-day average arrearage was less than \$30,000 per month for the quarter);
- Reconciled January, February and March 2011 tons to monies posted in ERP, as well as to the total dollars charged in Paradigm;
- Made budget presentation to the Solid Waste Advisory Committee (SWAC) regarding FY12 budget;
- Continue to meet with ERP and Finance staff regarding the Oracle E-Solutions; and
- Prepare for FY12 budget discussions with County Council.

CITIZEN COMMITTEES

Dickerson Area Facilities Implementation Group (DAFIG) – DAFIG met on Tuesday, March 8, 2011. Topics discussed included the following: DEP Stream Monitoring and Complaint Report, The Facilities Master Plan, and the Ponds and Facilities Update. The next quarterly DAFIG meeting will be held on Tuesday, June 7, 2011.

Solid Waste Advisory Committee (SWAC) – SWAC held its regularly scheduled meeting on Tuesday, January 4, 2011 at the EOB in the 15th floor conference room. Thirteen SWAC and three County staff members were in attendance. Peter Karasik, Section Chief of Central Operations, and Steve Lezinski, Engineer III, presented the members of SWAC with an overview of state of the DSWS Central Operations Section and long term ideas for Gude Landfill Property usage.

February 2011 - SWAC held its regularly scheduled meeting on Tuesday, February 8, 2011 at the EOB in the 15th floor conference room. Twelve SWAC and seven County staff members were in attendance. Eileen Kao, Chief of the Waste Reduction and Recycling Section of DSWS, and her staff of Recycling Investigators, Steve Borkoski, Keith Crutchfield, Chris Jones, and Kevin Reynolds, each presented the members of SWAC with an overview of enforcement initiatives used to enforce Montgomery County recycling laws pursuant to Executive Regulation 15-04AM and Chapter 48. Steve Martin of the Division of Policy and Compliance presented an overview of their enforcement initiatives, including enforcement to address illegal dumping issues.

March 2011 - SWAC held its regularly scheduled meeting on Tuesday, March 22, 2011 at the EOB in the 15th floor conference room. Thirteen SWAC and eight County staff members were in attendance. DSWS Section Chiefs Bill Davidson, Robin Ennis, Peter Karasik, Anthony Skinner, in addition to Management & Budget Specialist III Scott McClure, Senior Financial Specialist Rick Hands, and Recycling Coordinator Alan Pultyniewicz, each presented the members of SWAC with an overview of the County Executive's FY12 Recommended Budget. The next regular monthly meeting is scheduled on Tuesday, April 5, 2011 at the EOB in the lobby level auditorium.

COLLECTIONS

- **News:** On February 14th the Collections Section database OSCAR was replaced by 311's database Siebel. With the retirement of OSCAR; 311 also ceased the Tier II structure they had in place where former Solid Waste staff were the only ones making Solid Waste service requests, and now allows all 311 customer service representatives to make Solid Waste service requests. As a result we have seen a substantial increase in data entry errors (21 – 25%), and are spending staff time reviewing all service requests and returning the incorrect ones back to 311 for correction.

Resident Missed Collection Complaints: These are calls from residents contacting 311 one or two days after their collection day informing us that their solid waste was not picked-up.

January 2011	35
January 2010	60
Difference	-25

February 2011	32
February 2010	38
Difference	-6

March 2011	42
March 2010	77
Difference	-35

Resident Service Requests:

January

Bulk trash requests	1,055
Scrap metal requests	976
Blue bin requests	1,073
Blue cart requests	176
Literature requests	117

February

Bulk trash requests	1,233
Scrap metal requests	933
Blue bin requests	1,323
Blue cart requests	151
Literature requests	118

March

Bulk trash requests	2,045
Scrap metal requests	1,671
Blue bin requests	1,550
Blue cart requests	250
Literature requests	169

Survey Cards:

The Public Service Workers distributed 1,004 survey cards in **January** and received 6.4% of the cards back.

	Excellent	Good	Average	Fair	Poor
Recycling Programs	83%	17%	0%	0%	0%
County Staff	84%	16%	0%	0%	0%
Recycling Crews	70%	22%	5%	2%	1%

The Public Service Workers distributed 946 survey cards in **February** and received 7.2% of the cards back.

	Excellent	Good	Average	Fair	Poor
Recycling Programs	80%	19%	1%	0%	0%
County Staff	75%	20%	5%	0%	0%
Recycling Crews	73%	22%	3%	0%	2%

The Public Service Workers distributed 1,337 survey cards in **March** and received 5.6% of the cards back.

	Excellent	Good	Average	Fair	Poor
Recycling Programs	79%	18%	1%	2%	0%
County Staff	71%	26%	2%	1%	0%
Recycling Crews	58%	27%	6%	5%	4%

Collections mailed out 145 survey cards in **January** and received 6.2% of the cards back.

	Excellent	Good	Average	Fair	Poor
Recycling Programs	89%	11%	0%	0%	0%
County Staff	78%	22%	0%	0%	0%
Recycling Crews	67%	33%	0%	0%	0%

Collections mailed out 98 survey cards in **February** and received 9.2% of the cards back.

	Excellent	Good	Average	Fair	Poor
Recycling Programs	78%	22%	0%	0%	0%
County Staff	57%	29%	14%	0%	0%
Recycling Crews	67%	11%	22%	0%	0%

Collections mailed out 168 survey cards in **March** and received 5.4% of the cards back.

	Excellent	Good	Average	Fair	Poor
Recycling Programs	78%	22%	0%	0%	0%
County Staff	88%	12%	0%	0%	0%
Recycling Crews	50%	25%	25%	0%	0%

Collection Section Enforcement Actions:

January:

- Citations: One (1) citation was issued in the month of January.
 - 48-20 (a) Collected and/or transported solid waste within the county without a valid collector's tag attached to the vehicle.
- Notices of Violation: Two (2) notice of violation issued in the month of January.
 - 48-24 (b) improperly stored and allowed solid waste to accumulate. Both were issued to residents in the county.

February:

- Citations: One (1) citation was issued in the month of February
 - 48-21 (b) Collected solid waste after 9 p.m. and before 7 a.m. with 500 feet of a residential structure.
- Notices of Violation: Three (3) notices of violation issued in the month of February.
 - 48-23 Left vehicle running unattended.
 - 48-20 (a) Collected and/or transported solid waste within the county without a valid collector's tag attached to the vehicle. Two (2) were issued.

March:

- Citations: Two (2) citations were issued in the month of March.
 - 48-21 (b) Collected solid waste after 9 p.m. and before 7 a.m. with 500 feet of a residential structure.
- Notices of Violation: One (1) notice of violation issued in the month of March.
 - 48-23 Left vehicle running unattended.

Website:

Solid Waste Services Website

Metric	January 2011	February 2011	March 2011
Unique Visitors	61,810	50,589	46,742
Page Loads	149,857	128,804	137,072

Email List Memberships

Topic	Subscribers (new this month)		
	January 2011	February 2011	March 2011
Holiday Reminder	15,056 (320)	15,166 (83)	15,256 (70)
HHW Announcements	5,705 (182)	5,787 (77)	5,837 (49)
Newsletter Helper	2,854 (64)	2,888 (33)	2,905 (17)
Facility Updates	2,493 (136)	2,539 (43)	2,564 (22)
Electronics recycling	2,808 (164)	2,875 (67)	2,911 (36)
Go Green	1,392 (91)	1,423 (31)	1,445 (22)
Civic Loop	374 (33)	394 (20)	403 (9)
SORRT Newsletter	273 (27)	289 (16)	294 (5)
TRRAC	271 (27)	284 (13)	287 (3)
Monthly Report	380 (56)	407 (27)	417 (10)
Total Subscriptions	31,606 (1100)	32,052 (410)	32,319 (243)

Most Popular Web Pages

January 2011	February 2011	March 2011
1. Holidays	Holidays	Transfer Station
2. How do I...	Transfer Station	How do I...
3. Transfer Station	How do I...	Bulk trash
4. Christmas trees	Storm cleanup	Collection day lookup
5. Bulk trash	Bulk trash	Recycling Center
6. Collection day lookup	Collection day lookup	Household Haz. Waste
7. Storm cleanup	Household Haz. Waste	Scrap metal recycling
8. Curbside recycling	Curbside recycling	Latex paint
9. Recycling collection svcs	Recycling Center	Curbside recycling
10. Recycling Center	Annual Recycling Report	Storm cleanup

WASTE MINIMIZATION

Product Recycled	Jan 2011	Feb 2011	Mar 2011	YTD (July 2010 to Present)
Electronics	171 tons	117 tons	192 tons	1422 tons
Propane Tanks	0 tons	1.5 ton	1.5 ton	9 tons
Textiles	11 tons	7 tons	6 tons	84 tons
Construction Materials (Don't Dump – Donate)	2 tons	5 tons	2 tons	29 tons
Vehicle Batteries	11 tons	13 tons	19 tons	145 tons
Rechargeable Batteries	0 ton	0 ton	1 ton	3 tons

HAZARDOUS WASTE PROGRAMS

Household Hazardous Waste (HHW) Collection – There were a total of 14,870 patrons to the program in the third quarter (January, February, and March 2011). During normal business hours we had 14,198 patrons; after 5:00 p.m., we had 672 patrons. The HHW web site page had 5,533 unique page views in the third quarter.

Small Quantity Generator/ECOWISE Program – There were 40 ECOWISE participants in the third quarter.

WASTE REDUCTION

Bicycle Recycling – “Bikes for the World” removed 4 tons of bikes in the third quarter for restoration and shipment to countries worldwide.

Paint Reduction – The free paint program gave away no paint to outdoor customers due to the cold weather. The paint give-away will resume on April 18, 2011 weather permitting. There were also 2,250 gallons of paint donated to Honduras during the third quarter. We solidified 140 cubic yards of paint in the third quarter.

NEW 'GOGREEN' Website – The new *GoGreen* website, (www.montgomerycountymd.gov/GOGREEN) will be a one stop site for a wide range of environmental programs and information for residents and businesses. In the third quarter, the site had 164 unique page views.

Straight Vegetable Oil (SVO) Recycling – The Transfer Station has a vendor that accepts Waste Vegetable Oil (WVO) for the sole purpose of bio-diesel production; in the third quarter 7 tons of SVO were shipped out for processing into bio-diesel (<http://www.montgomerycountymd.gov/veggieoil>).

AIR PERMITS AND ENVIRONMENTAL PROGRAMS

Resource Recovery Facility (RRF): CEMS Tracking of RRF Emissions – There was no emission exceedance during the quarter.

TES Contract (Weather Station) – All of the instrumentation worked normally this quarter. Data recovery for all parameters was 100 percent. Precipitation for the month of January was 2.17 inches; February was 2.2 inches and March was 4.5 inches.

WASTE REDUCTION AND RECYCLING

Public Education and Outreach – DSWS staff participated in several planning meetings with USGA officials for the U.S. Open scheduled for June 13-19, 2011 at Congressional Country Club to ensure adequate recycling services are in place for all players, spectators, vendors, staff, volunteers and the public. DSWS is also coordinating with Silver Spring Green, a new initiative in Silver Spring, to conduct an electronics recycling collection event on June 5. Staff is in the process of planning several upcoming paper shredding/recycling and reusable clothing/household goods donation collection events for April 30, May 22 and June 25. In addition, efforts are underway to plan for the numerous Earth-month activities that are being scheduled by businesses, multi-family properties and community organizations throughout the county to celebrate Earth Day 2011. DSWS is participating in 44 activities during the month of April. The spring 2011 issue of the Civic Loop newsletter is being developed and will be emailed to community and civic associations in April. Work has also begun in planning activities for Recycling Awareness Week which will be held from May 23 through May 27, 2011. The weeklong series of events will include interactive school recycling and waste reduction programs at 12 public and private schools, appreciation of DSWS' Recycling Program volunteers, and the annual recycling achievement recognition ceremony to highlight the extraordinary efforts of businesses, multi-family properties and individuals to maximize recycling, waste reduction and buying recycled efforts.

On-Site Composting and Waste Reduction Activities – A total of 732 compost bins were distributed between January 1, and March 31, 2011 to encourage residents to compost their leaves and grass clippings on-site. Staff conducted three composting workshops during this period reaching 147 residents. Staff worked with the new Whole Foods Market in Chevy Chase/Friendship Heights to become the newest location where residents can obtain compost bins. There are now 18 convenient locations across the county, many of which are open evening and weekend hours, where residents can pick-up compost bins.

Recycling Investigations Unit – Since the Unit was established, 36,424 site visits and 3,602 formal investigations have been conducted. For the period from January 1, through March 31, 2011, 137 NOVs were issued to businesses and multi-family properties for infringements against the recycling regulations and Chapter 48. Eight (8) citations were issued to businesses and multi-family properties during this same period. Three citations were issued to businesses for failing to recycle the required materials; two citations issued to businesses for failing to provide recycling collection service and storage space for recyclable materials; one citation issued to a business for failing to provide an approved number of storage containers to prevent overflow between collections, one citation issued to a collector for early morning collections at a multi-family property; and one citation issued to a multi-family property for failing to file an annual recycling and waste reduction report.

Commercial Recycling and Waste Reduction – The SORRT Program conducted 2,964 on-site visits to businesses between January 1, and March 31, 2011. Staff resolved ten complaints, participated in 11 educational events reaching 516 people, distributed 2,313 desk-side recycling bins to businesses to help set-up and/or improve existing recycling programs, and responded to 252 requests for information ranging from educational materials to presentations for property managers, tenants, and employees. Staff conducted the re-evaluations of 3 MCPS schools that received unsatisfactory grades during the initial recycling infrastructure evaluation process completed during the fall. All three schools received passing grades and improved their recycling programs significantly. Work also began on field verifying calendar year 2010 Annual Business Recycling and Waste Reduction Reports. This year, the SORRT program requested 895 businesses to file their annual recycling report. Of the 895 businesses required to submit a report, 115 businesses missed the filing deadlines. These businesses were forwarded to the Recycling Investigations Unit for investigation. The SORRT program held its first one-day Business Recycling seminar of the fiscal year on March 31, 2011. A total of 39 people, representing numerous types of businesses, attended the seminar including business managers, owners, employees, property owners, managers and collectors.

Multi-Family Recycling and Waste Reduction – Between January 1, and March 31, 2011, the TRRAC Program conducted 913 on-site visits to multi-family properties to monitor the status and progress of their recycling programs and to recommend program improvements. Staff participated in 16 multi-family property educational events, reaching

437 people. These events included a presentation to an apartment after-school program and multiple staff trainings, resident presentations, and lobby displays. Staff also responded to 182 requests for information, resolved 8 resident concerns, and distributed 2,000 multi-family recycling bins. The primary multi-family recycling brochure and recycling collection area posters were updated to reflect MC311 contact information and printed for distribution to properties. Multi-Family Annual Recycling and Waste Reduction Reports covering Calendar Year 2010 were due on February 1. DSWS received 636 calendar year 2010 multi-family annual recycling reports, representing 645 properties; no reports are outstanding. Staff began field verification of the annual recycling reports to ensure the information submitted is accurate. The TRRAC team also identified 20 priority properties to work with in calendar year 2011 to achieve increased recycling achievement, and staff began working with these properties. Planning is underway for a multi-family recycling seminar that will be held on April 5 at the Silver Spring Civic Building. A total of 730 multi-family property representatives, residents, and collectors were invited to the seminar to attend the event to learn how to establish and maintain an effective recycling program in compliance with the County recycling regulations. Three guest speakers are scheduled to speak about lessons learned increasing recycling capacity at apartment communities, the environmental and economic benefits of scrap metal recycling, and how apartment and condominium communities can benefit others by donating household goods to non-profit organizations for further distribution and reuse by others in need.

Mixed Paper Recycling – Existing educational materials were distributed to residents at several events. Larger quantities of materials were also provided to homeowner associations and civic groups for their use and distribution.

Volunteer Activities – Twenty-five volunteers, some of them participating in multiple events, contributed 308 hours of their time to support recycling activities from January 1, through March 31, 2011. Four volunteers provided 262 hours of office assistance which included filing, computer data entry, counting and bundling educational materials for events, labeling files, and preparing materials for the Division's participation in the annual Gaithersburg St. Patrick's Day Parade. Twenty-two volunteers participated in two community outreach events directly reaching 1,098 residents. Staff also participated and set up an educational table at the Martin Luther King, Jr. Day of Service event at the Montgomery County North Bethesda Conference Center in January and spoke directly to 118 residents and potential volunteers about the Recycling Volunteer Program. During this quarter, the Recycling Volunteer Program recruited six prospective volunteers and five new volunteers.

PILOT PROGRAMS

Cooperative Collection/Alternative Collection – Data collected during the period from January 1, through March 31, 2011 indicates that the participating businesses in the cooperative collection programs continue to save an average of 20 to 40 percent in their

collection contract costs when compared to their initial arrangements. Furthermore, the recycling rates for all three projects remain well above 50 percent. The SORRT Program continues to monitor all three Cooperative Collection Projects in Silver Spring to ensure that the participants are recycling properly.

FACILITY ACTIVITIES

Resource Recovery Facility (RRF) – The RRF processed a total of 132,440 tons for the quarter, or 1,472 tons per day. During this time 13 tours of the plant were given. The plant exported 73,250,000 kWh kilowatt-hours to the power grid. About 2,841 tons of ferrous material was recovered from the ash and recycled. In January, Unit #1 twice experienced grate bar failures which required the unit be taken off-line and repaired. Super heater leaks and external waterwall leaks were identify and the opportunity taken to repair them. Unit #2 was shutdown to repair superheater tubes. In February, the plant experienced a Universal Power Supply problem that lead to a trip of the turbine generator. Unit operations were stabilized without incident but 14.5 MWh of power had to be purchased. Also during February, Unit #3 came down for its scheduled major outage. Additional work above a normal major outage was performed. A complete inspection and repair of the scrubber vessel internals was completed. The baghouse floor and walls were repaired along with a complete bag change-out. Also, the lower portion of the evaporator tubes were removed and replaced with new, corrosion protected tubing.

Materials Recovery Facility (MRF) – Approximately 5,408 tons of commingled material was shipped out and approximately 13,737 tons of mixed paper were loaded out and transferred to the Office Paper Systems, Inc. processing facility in the third quarter. The conveyor was replaced that transports material to the air classifier. The trough rollers on the conveyor were replaced for transporting mixed glass east wall conveyor that moves the glass to a storage bunker. The diversion of material on conveyor #37 A to hopper for resorting was begun. The processing equipment was cleaned. The light pole damaged in July, 2010 storm was replaced by the contractor. Caulked the roof where water leakage occurred. The contractor constructed a new entrance to sorting station on pre-residue conveyor. The fiberglass drum was replaced over the eddy current magnet. The ceilings in the office, hallway and education room were painted. A new 938 Cat Loader was delivered. The gardens were mulched.

Oaks Landfill – The 2.4 MW landfill gas-to-energy plant continues to operate. The County Soil Conservation District began discussions with DEP regarding a planned reforestation demonstration (e.g. tree planting) project at the Oaks Landfill. The tree planting will occur within the buffer areas (outside the waste disposal footprint) of the landfill on Earth Day – April 22, 2011. The project is supported by grant money from the Chesapeake Bay Trust and will also receive tree donations from M-NCPPC.

Gude Landfill – The 0.8 MW landfill gas-to-energy plant continues to operate.

The Maryland Department of the Environment (MDE) provided comments to DEP on the Nature and Extent Study (NES) at the February 23, 2011 meeting. DEP organized the discussions into a Comment and Response Document that summarizes guidance to finalize the NES. Additional investigations and analyses are required to close data gaps and further support findings of the NES. This work is scheduled and should be completed over the second and third quarter of calendar year 2011. The County Office of Real Estate confirmed that DSWS is required to perform the complete land disposition process for the proposed land swap with M-NCPPC for impacted park land that is adjacent to the Gude Landfill. Meetings with the Community and DEP regarding the Gude Landfill Remediation continue on a monthly basis.

Solid Waste Transfer Station – Covanta shipped 128,080 tons of processible waste via rail from the Transfer Station for the first quarter compared to 118,006 for the same period last year.

The inbound radiation detectors had 62 total valid alarms in the third quarter. Two alarms involved a driver or passenger who had undergone recent medical tests and/or treatment involving radioactive isotopes and residual radiation; and 49 alarms by vehicles that were identified as containing low levels of medical isotopes with short half-lives in trash. We also had one rejected load containing TH-232 that the generator had to contract for separate disposal.

The Public Unloading Facility radiation detectors had 17 alarms. All alarms involved drivers or passengers who had undergone recent medical tests and/or treatment involving radioactive isotopes and residual radiation.

Transfer Station Enforcement – Under Chapter 48 of the Montgomery County Code, a total of 207 enforcement actions were taken during the reporting period. The enforcement composition breakdown is on the next page.

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Transfer Station Enforcement Totals for January through March 2011

Code Section	Description	Verbal	NOV	Citation	TOTAL
48-05	<i>Permit required to collect or dispose of solid waste</i>	8	19	1	28
48-05(3)(d)	<i>Delivery of solid waste acceptable for recycling</i>	19	9	17	45
48-18(a)	<i>Unlicensed Company/Tags</i>	4	13	1	18
48-19(a)(1)	<i>Unlicensed Collection Company / Transporting solid waste without a valid collectors /haulers tag</i>	26	60	9	95
48-20(a)	<i>Un-permitted Vehicle of a Licensed Company</i>	2	5	3	10
48-20(b)	<i>Transporting solid waste without a canvas or tarp covering the load tightly</i>	2	5	1	8
48-20(c)	<i>Unmarked Marked Vehicle / Lettering</i>	0	1	0	1
48-24(c)	<i>Containers Standards</i>	1	1	0	2
		65	114	35	214
		214			

Site 2 Landfill Properties – Design work addressing jurisdictional agency comments continues on the Site 2 ponds. During the quarter the deer management program concluded until August. Repairs to the Draper farm house patio windows began.

Yard Trim Compost Facility – The facility received 5,856 tons of material for composting this quarter; this compares with 1,894 materials received during the same period last year. No material was diverted to back-up composting facilities this quarter. There were 22,549 cubic yards of bulk LeafGro™ shipped this quarter; compared with 6,458 cubic yards for the same period last year. There were 5,845 cubic yards of Linden Farm Humus sold this quarter; this compares with 754 cubic yards for the same period last year.

Bagging Operation – 188,404 bags of LeafGro™ were shipped to distributors this quarter. This compares with 96,950 bags shipped during the same period last year. (Each bag is 1.5 cubic feet weighing 45 lbs.)

In this quarter, 9,050 bags of Compro™ bags were shipped to distributors. This compares with 0 bags during the same period last year.

OUT-OF-COUNTY HAUL

Old Dominion, Richmond, Virginia – In the third quarter approximately 39,547 tons of ash residue were transported to the Old Dominion Landfill for ash recycling and metal recovery. The Ash is screened into two grades for use as road base and alternate daily cover within the confines of the landfill owned by Republic Services. Metals are also removed from the ash both at the RRF and during the screening process at Old Dominion Landfill.

Perry Hall Maryland – Approximately 5,257 tons of asphalt, soil, concrete, and brick and block and other non-processibles were sent to the Honeygo Run Recycling site in Perry Hall, Maryland, for construction and demolition recycling for the third quarter of the fiscal year.

GENERAL INFORMATION

Important Telephone Numbers

General information on solid waste	240-777-6400
Customer Service	240-777-6410
Transfer Station	240-777-6560 (County Office) 301-916-3031 (Covanta) 301-330-2840 (MES)
Materials Recovery Facility	240-777-6591 (County Office) 301-417-1433 (MES)
Resource Recovery Facility	240-777-6494 (County Office) 301-916-3031 (Covanta)
Yard Trim Compost Facility	301-428-8185 (MES)
Internet for DSWS	www.montgomerycountymd.gov/solidwaste www.montgomerycountymd.gov/recycling www.montgomerycountymd.gov/hazardouswaste www.montgomerycountymd.gov/useitagain www.montgomerycountymd.gov/yardtrim www.montgomerycountymd.gov/veggieoil www.montgomerycountymd.gov/GOGREEN

Note: All comments, questions, and suggestions on the contents of this report should be addressed to:

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SOLID WASTE FACTS IN A NUTSHELL

TOPIC OR FACILITY	
Latest Tonnage of Materials Recycled in a Fiscal Year in Montgomery County	471,361 (FY10)
Latest Recycling Rate Reported in Montgomery County	43.6% (FY10)
Recycling Goal	50% by December 2010
Resource Recovery Facility (RRF)	Permitted Capacity = 657,000 tons per calendar year (based on 5,500 BTU/lb waste)
Yard Trim Compost Facility	<p>Under the Sugarloaf Settlement Agreement, operations are limited to the receipt of 77,000 tons per fiscal year.</p> <p>In FY10, 72,348.86 tons of yard trim were received at the Dickerson Facility.</p>
# Residences receiving trash collection by County contractors	91,000
# Residences receiving collection of recyclables in blue bins and yard trim collection	211,056
Term of out-of-county waste transportation and disposal contract with Brunswick Waste Management Facility, Inc.	June 19, 1997 through June 30, 2012 with an option for a five-year renewal. (Service started October 20, 1997.)

GLOSSARY OF ACRONYMS

BTU	British Thermal Unit
CEMS	Continuous Emissions Monitoring System
DAFIG	Dickerson Area Facilities Implementation Group
DEP	Department of Environmental Protection
DSWS	Division of Solid Waste Services
EOB	Executive Office Building
ERP	Enterprise Resource Planning
FY	Fiscal Year
GLCC	Gude Landfill Concerned Citizens
HHW	Household Hazardous Waste
kWh	Kilowatt-hours
MCPS	Montgomery County Public Schools
MDE	Maryland Department of the Environment
MES	Maryland Environmental Services
M-NCPPC	Maryland-National Capital Park and Planning Commission
MRF	Materials Recovery Facility
MWh	Mega Watt hours
NOV	Notice of Violation
RRF	Resource Recovery Facility
SCFM	Standard cubic feet per minute
SORRT	Smart Organizations Reduce and Recycle Tons
SWAC	Solid Waste Advisory Committee
SVO	Straight Vegetable Oil
TRRAC	Think Reduce and Recycle at Apartments and Condominiums
UPS	Uninterrupted Power Supply
USGA	United States Golf Association
WVO	Waste Vegetable Oil
YTD	Year To Date